

CLAIMS

We claim:

- 1.) A system for gathering and managing patient medical data, comprising:
a handheld computing device, said handheld computing device
having loaded in memory a first computer module for gathering
patient medical information, and said first computer module having a
plurality of data entry screens; and

a microprocessor, said microprocessor having loaded in memory a
second computer module, said second computer module having
means for creating customized data entry screens for use by said first
module.
- 2.) The system according to claim 1, wherein said first computer module has
means for creating a natural language report and a searchable database
from said medical information.
- 3.) The system according to claim 2, wherein at least one of said data entry
screens has a matrix, wherein said matrix allows a user to correlate a
body part with a set of modifiers.
- 4.) The system according to claim 3, wherein said second module
additionally comprises a plurality of templates for creating said
customized medical data entry screens.
- 5.) The system according to claim 4, wherein said second module additionally
comprises means for editing all aspects of said data entry screens.
- 6.) The system according to claim 5, wherein said first module additionally
comprises means to delete at least one of said data entry screens.
- 7.) The system according to claim 6, wherein at least of one said data entry
screens has a list box, and wherein said second module has means for
adding, deleting, and reordering items in said list box.
- 8.) The system according to claim 7, wherein said second module has means
for controlling navigation between said data entry screens.
- 9.) The system according to claim 8, wherein said second module has means
for controlling the syntax and structure of said natural language report.
- 10.) The system according to claim 9, wherein said second module has means
for creating a customized medical data entry screen with the ability to
gather specified regulatory data.
- 11.) The system according to claim 10, wherein said system is used for

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emergency medical services.

- 12.) The system according to claim 11, wherein said system additionally comprises a conduit for remote transmission of data.
- 13.) The system according to claim 12, additionally comprising a portable printer for printing out said natural language report.
- 14.) The system according to claim 13, wherein said second module has means for flagging certain data items as relevant for specific purposes
- 15.) The system according to claim 14, wherein said searchable database has a plurality of items, and wherein each such item has a unique identifier.
- 16.) A software application for gathering and managing patient medical data, comprising:
 - a first computer module for gathering patient medical information on a handheld computing device, said first computer module having a plurality of data entry screens; and
 - a second computer module for creating customized medical data entry screens for use by said first module.
- 17.) The software application according to claim 16, wherein said first computer module has means for creating a natural language report and a searchable database from said medical information.
- 18.) The software application according to claim 17, wherein at least one of said data entry screens has a matrix, wherein said matrix allows a user to correlate a body part with a set of modifiers.
- 19.) The software application according to claim 18, wherein said second module additionally comprises a plurality of templates for creating said customized medical data entry screens.
- 20.) The software application according to claim 19, wherein said second module additionally comprises means for editing all aspects of said data entry screens.
- 21.) The software application according to claim 20, wherein said first module additionally comprises means to delete at least one of said data entry screens.
- 22.) The software application according to claim 21, wherein at least of one said data entry screens has a list box, and wherein said second module has means for adding, deleting, and reordering items in said list box.
- 23.) The software application according to claim 22, wherein said second

- 1 module has means for controlling navigation between said data entry
screens.
- 24.) The software application according to claim 23, wherein said second
module has means for controlling the syntax and structure of said natural
language report.
- 25.) The software application according to claim 24, wherein said searchable
database has a plurality of items, and wherein each such item has a unique
identifier.
- 26.) A method for gathering patient medical data, said method comprising the
steps of:
- gathering patient medical information using a first computer module
on a handheld computing device, said first computer module having a
plurality of data entry screens; and
- creating customized medical data entry screens for use by said first
module using a second computer module.
- 27.) The method according to claim 26, additionally comprising the step of
creating a natural language report and a searchable database from said
medical information using said first computer module.
- 28.) The method according to claim 27, additionally comprising the step of
using a matrix to correlate a body part with a set of modifiers.
- 29.) The method according to claim 28, additionally comprising the step of
using a template within said second computer module in creating
customized medical data entry screens.
- 30.) The method according to claim 29, additionally comprising the step of
editing one of said data entry screens using said second module.
- 31.) The method according to claim 30, additionally comprising the step of
deleting one of said data entry screens using said second module.
- 32.) The method according to claim 30, wherein at least of one said data entry
screens has a list box, additionally comprising the step of editing items in
said list box using said second module.
- 33.) The method according to claim 32, additionally comprising the step of
controlling navigation between said data entry screens using said second
module.
- 34.) The method according to claim 33, additionally comprising the step of

1 controlling the syntax and structure of said natural language report using
said second module.

35.) A system for gathering and managing patient medical data, comprising:
a handheld computing device, said handheld computing device
having loaded in memory a computer module for gathering patient
medical information, said module having
a medical data entry screen, said screen allowing a user to input
patient medical information; and
means for creating a natural language report and a searchable
database from said medical information.

36.) A system for gathering and managing patient medical data, comprising:
a handheld computing device, said handheld computing device
having loaded in memory a computer module for gathering patient
medical information, said module having
a medical data entry screen, said screen allowing a user to input
patient medical information; and
a matrix within said data entry screen, said matrix allowing a
user to correlate a body part with a set of modifiers.

37.) A software application for gathering and managing patient medical data,
comprising:
a medical data entry screen, said screen allowing a user to input
patient medical information; and
means for creating a natural language report and a searchable
database from said medical information.

38.) A software application for gathering and managing patient medical data,
comprising:
a medical data entry screen, said screen allowing a user to input
patient medical information; and
a matrix within said data entry screen, said matrix allowing a
user to correlate a body part with a set of modifiers.

39.) A method for gathering patient medical data, said method comprising the
steps of:
inputting patient medical information information onto a handheld
computing device displaying a medical data entry screen;
using said computer to create a natural language report and a
searchable database from said medical information.

40.) A method for gathering patient medical data, said method comprising the
steps of:
inputting patient medical information information onto a handheld

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computing device displaying a medical data entry screen;
using a matrix within said data entry screen to correlate a body part
with a set of modifiers.

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